

## EAST Search History

| Ref # | Hits  | Search Query                                                                                                                                                                                                                      | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|---------|------------------|
| L98   | 12461 | (organic with (electroluminescent or electroluminescence))                                                                                                                                                                        | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L99   | 5243  | L98 and ((electron and hole) same (injecting or injection or injected or injector or injector or injective) same (transport or transporting or transportive or transported))                                                      | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L100  | 367   | L99 and (((silver with copper) or (ag and cu)) same (palladium or pd or magnesium or mg or gold or au or platinum or pt) same alloy same (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr) same electrode) | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L101  | 62    | L100 and ("mol%" or (mole with percent) or (mol with percent) or "mole%" or (mol with "%") or (mole with "%") or (mole with percentage) or (mol with percentage))                                                                 | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L102  | 47    | L101 and (partition or barrier or rib or spacer or ((isolation or isolated or isolating or isolater or isolator) with wall))                                                                                                      | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L103  | 35    | L102 and @ad<"20031024"                                                                                                                                                                                                           | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L104  | 752   | L95 and ((copper or cu) same (palladium or pd or magnesium or mg or gold or au or platinum or pt))                                                                                                                                | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L105  | 680   | L104 and (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr)                                                                                                                                                 | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L106  | 66    | L105 and ("mol%" or (mole with percentage) or "mole%" or "%mol" or "%mole" or (mole with percent) or (mol with percent) or (mol with percentage) or (mol with "%") or (mole with "%") or mole or mol)                             | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L107  | 52    | L106 and @ad<"20031024"                                                                                                                                                                                                           | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L108  | 578   | (313/505).CCLS.                                                                                                                                                                                                                   | US-PGPUB; USPAT | OR               | OFF     | 2007/01/29 17:41 |
| L109  | 5071  | L99 and electrode                                                                                                                                                                                                                 | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L110  | 2773  | L109 and (partition or barrier or rib or spacer or ((isolation or isolated or isolating or isolater or isolator) with wall))                                                                                                      | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L111  | 1444  | L110 and ((silver and copper) or (ag and cu))                                                                                                                                                                                     | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L112  | 1420  | L111 and (palladium or pd or magnesium or mg or gold or au or platinum or pt)                                                                                                                                                     | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L113  | 52    | L112 and ("mol%" or (mole with percent) or (mol with percent) or "mole%")                                                                                                                                                         | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L114  | 3378  | (428/690).CCLS.                                                                                                                                                                                                                   | US-PGPUB; USPAT | OR               | OFF     | 2007/01/29 17:41 |
| L116  | 1638  | L87 and ((electron and hole) same (injecting or injection or injected or injector or injector or injective) same (transport or transporting or transportive or transported))                                                      | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L117  | 30    | L105 and ("mol%" or (mole with percentage) or "mole%" or "%mol" or "%mole" or (mole with percent) or (mol with percent) or (mol with percentage) or (mol with "%") or (mole with "%"))                                            | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L118  | 24    | L117 and @ad<"20031024"                                                                                                                                                                                                           | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L119  | 553   | L110 and (((silver and copper) or (ag and cu)) same (palladium or pd or magnesium or mg or gold or au or platinum or pt) same alloy same (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr))                | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |
| L120  | 106   | L119 and ("mol%" or (mole with percent) or (mol with percent) or "mole%" or (mol with "%") or (mole with "%") or (mole with percentage) or (mol with percentage))                                                                 | US-PGPUB; USPAT | OR               | ON      | 2007/01/29 17:41 |

## EAST Search History

|      |       |                                                                                                                                                                                                                                                                                                                                                                                                 |                      |    |     |                  |
|------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----|-----|------------------|
| L121 | 72    | L120 and @ad<"20031024"                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L122 | 2680  | (active adj matrix) same parallel                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L123 | 180   | L122 and (organic adj electroluminescent)                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L124 | 180   | L123 and (organic adj electroluminescent)                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L125 | 2680  | (active adj matrix) same parallel                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L126 | 584   | L125 and (electroluminescent or electroluminescence)                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L127 | 9     | L126 and (trapezoid or trapezoidal)                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L128 | 2     | ((silver with copper) or (ag and cu)) same (palladium or pd or magnesium or mg or gold or au or platinum or pt) same alloy same (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr) same electrode same ("mol%" or (mole with percent) or (mol with percent) or "mole%" or (mol with "%") or (mole with "%") or (mole with percentage) or (mol with percentage)))          | EPO; JPO;<br>DERWENT | OR | ON  | 2007/01/29 17:41 |
| L129 | 231   | L112 and ("mol%" or (mole with percent) or (mol with percent) or "mole%" or (mol with "%") or (mole with "%"))                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L130 | 200   | L89 and ((copper or cu) same (palladium or pd or magnesium or mg or gold or au or platinum or pt))                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L135 | 231   | L129 and (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr)                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L136 | 532   | L110 and (((silver with copper) or (ag and cu)) same (palladium or pd or magnesium or mg or gold or au or platinum or pt) same alloy same (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr))                                                                                                                                                                             | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L137 | 103   | L136 and ("mol%" or (mole with percent) or (mol with percent) or "mole%" or (mol with "%") or (mole with "%") or (mole with percentage) or (mol with percentage))                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L138 | 69    | L137 and @ad<"20031024"                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L139 | 1306  | (313/503).CCLS.                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT   | OR | OFF | 2007/01/29 17:41 |
| L140 | 30219 | (active adj matrix)                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L141 | 4606  | L140 and electroluminescent                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L142 | 213   | L135 and alloy                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L143 | 2355  | L140 and (organic adj electroluminescent)                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L144 | 1071  | L114 and @pd>"20050427"                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L145 | 1     | L99 and (((silver with copper) or (ag and cu)) same (palladium or pd or magnesium or mg or gold or au or platinum or pt) same alloy same (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr) same electrode same ("mol%" or (mole with percent) or (mol with percent) or "mole%" or (mol with "%") or (mole with "%") or (mole with percentage) or (mol with percentage))) | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |
| L146 | 1178  | L110 and (silver and copper)                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT   | OR | ON  | 2007/01/29 17:41 |

## EAST Search History

|      |      |                                                                                                                                                                                                                                                                                                                                                                                        |                    |    |    |                  |
|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|------------------|
| L147 | 173  | L130 and (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr)                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2007/01/29 17:41 |
| L148 | 128  | L108 and @pd>"20050427"                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR | ON | 2007/01/29 17:41 |
| L149 | 456  | L139 and @pd>"20050427"                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR | ON | 2007/01/29 17:41 |
| L150 | 15   | ((silver with copper) or (ag and cu)) same (palladium or pd or magnesium or mg or gold or au or platinum or pt) same alloy same (titanium or ti or aluminum or nickel or ni or cobalt or chromium or cr) same electrode same ("mol%" or (mole with percent) or (mol with percent) or "mole%" or (mol with "%") or (mole with "%") or (mole with percentage) or (mol with percentage))) | US-PGPUB;<br>USPAT | OR | ON | 2007/01/29 17:41 |
| L151 | 153  | L147 and @ad<"20031024"                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR | ON | 2007/01/29 17:41 |
| L152 | 1745 | L143 and (electron with hole)                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2007/01/29 17:41 |